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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,138	12/09/2003	Mamoru Tokashiki	246235US6	3213

22850	7590	10/19/2007
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ALEXANDRIA, VA 22314		

EXAMINER	
LEE, JINHEE J	

ART UNIT	PAPER NUMBER
2174	

NOTIFICATION DATE	DELIVERY MODE
10/19/2007	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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04

# Office Action Summary

Application No.

10/730,138

Applicant(s)

TOKASHIKI, MAMORU

Examiner

Jinhee J. Lee

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>0807,0607</u> .   | 6) <input type="checkbox"/> Other: _____                          |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Naughton et al. (6344861) in view of Cunningham et al. (20020011923).

Re claim 1, Naughton et al. substantially discloses an information processing apparatus comprising:

a room image storage means for storing an image of a structure of a room (see figure 7 for example);

an item image storage means for storing an image of an item to be operated (see figure 7 for example);

a display control means for controlling display of a first image on a display means by reading said image of said item selected by a user from said item image storage means while reading said image of said room selected by said user from said image storage means, and forming said first image such that said image of said item is incorporated in said image of said room (see abstract for example). Naughton et al. does not explicitly disclose said display control means configured to transmit information over the Internet to communicate with said item to be operated. Naughton et al. discloses that known communication network is used to transmit information. However,

Cunningham et al. teaches that the Internet is a form of communications network (see paragraph 0027 for example). It would have been obvious to one having ordinary skill in the art at the time the invention was made to use the internet as the communications network to transmit information to the item to be operated as taught by Cunningham et al. with the system of Naughton et al. in order to provide a means for broadcasting information to control an item remotely.

Re claim 2, note that Naughton et al. discloses an information processing apparatus, further comprising a character image storage means for storing an image of a character (agent 41 for example), wherein said display control means controls display of a first image on said display means by reading said image of said character selected by said user from said character image storage means, and forming said first image such that said image of said item read through selection by said user and said image of said character read through selection by said user are incorporated in said image of said room selected by said user (see column 14 lines 31-44 for example).

Re claim 3, note that Naughton et al. discloses an information processing apparatus, wherein said display control means selectively controls by high luminance, display of an outline of a item from a plurality of items incorporated in said first image according to an operation by an operation means (see column 18 lines 40-45 for example).

Re claim 4, note that Naughton et al. discloses an information processing apparatus, wherein said display control means supplementarily controls display of a

function included in said item having the outline thereof displayed by high luminance (see abstract and column 18 lines 40-45 for example).

Re claim 5, note that Naughton et al. discloses an information processing apparatus, wherein said display control means displays said character so as to have said character located in the vicinity of said item having the outline thereof selectively displayed by high luminance (see abstract and columns 18 lines 40-45 for example).

Re claim 6, note that Naughton et al. discloses an information processing apparatus, wherein, when an instruction to copy information of a first item to a second item is issued, said display control means controls display of said character in order to pick up a designated object from said first item and place said picked up object on said second item (see column 13 lines 6-9 and abstract for example) .

Re claim 7, note that Naughton et al. discloses an information processing apparatus, wherein, when an instruction to copy information of a first item to a second item is issued, said display control means controls display of said character and displays said information of said first item pasted on an input screen of said second item (see column 13 lines 6-9 and abstract for example).

Re claim 8, note that Cunningham et al. discloses an information processing apparatus, wherein said display control means is configured to be in communication with the item to be operated through a home network in communication with the Internet (see paragraph 0027 for example).

Re claim 9, note that Naughton et al. discloses an information processing apparatus, wherein said display control means is configured to be in communication

with a control server providing control commands for the item to be operated (see figure 21b for example).

Re claim 10, Naughton et al. substantially discloses an information processing apparatus comprising:

a room image storage configured to store a structure of a room (see figure 7 for example);

an item image storage configured to store an image of an item to be operated (see figure 7 for example);

a display device including a display and a display control configured to display a first image on said display device by reading said image of said item selected by a user from said item image storage while reading said image of said room selected by said user from said image storage, and forming said first image such that said image of said item is incorporated in said image of said room (see abstract for example). Naughton et al. does not explicitly disclose said display device configured to transmit information over the Internet to communicate with said item to be operated. Naughton et al. discloses that known communication network is used to transmit information. However, Cunningham et al. teaches that the Internet is a form of communications network (see paragraph 0027 for example). It would have been obvious to one having ordinary skill in the art at the time the invention was made to use the internet as the communications network to transmit information to the item to be operated as taught by Cunningham et al. with the system of Naughton et al. in order to provide a means for broadcasting information to control an item remotely.

Re claim 11, note that Naughton et al. discloses an information processing apparatus, further comprising a character image storage configured to store an image of a character (agent 41 for example), wherein said display control displays a first image on said display by reading said image of said character selected by said user from said character image storage, and forms said first image such that said image of said item read through selection by said user and said image of said character read through selection by said user are incorporated in said image of said room selected by said user (see column 14 lines 31-44 for example).

Re claim 12, note that Naughton et al. discloses an information processing apparatus, wherein said display control selectively displays an emphasized item from a plurality of items incorporated in said first image (see abstract and column 18 lines 40-45 for example).

Re claim 13, note that Naughton et al. discloses an information processing apparatus, wherein said display control supplementarily displays a function included in said emphasized item (see abstract and column 18 lines 40-45 for example).

Re claim 14, note that Naughton et al. discloses an information processing apparatus, wherein said display control displays said character so as to have said character located in the vicinity of said emphasized item (see abstract and column 18 lines 40-45 for example).

Re claim 15, note that Naughton et al. discloses an information processing apparatus, wherein, when an instruction to copy information of a first item to a second item is issued, said display control displays said character in order to pick up a

designated object from said first item and place said picked up object on said second item (see column 13 lines 6-9 and abstract and figure 7 for example).

Re claim 16, note that Naughton et al. discloses an information processing apparatus, wherein, when an instruction to copy information of a first item to a second item is issued, said display control displays said character and said information of said first item pasted on an input screen of said second item (see column 13 lines 6-9 and abstract and figure 7-8 for example).

Re claim 17, note that Cunningham et al. discloses an information processing apparatus, wherein said display control is configured to be in communication with the item to be operated through a home network in communication with the Internet (see paragraph 0027 for example).

Re claim 18, note that Naughton et al. discloses an information processing apparatus, wherein said display control is configured to be in communication with a control server providing control commands for the item to be operated (see figure 21a for example).

### ***Conclusion***

3. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

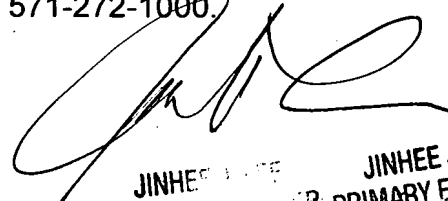


TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinhee J. Lee whose telephone number is 571-272-1977. The examiner can normally be reached on M-F at 8:30AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid can be reached on 571-272-2100 ext. 74. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



JINHEE J. LEE  
PRIMARY EXAMINER